



St. Johns River Water Management District

Kirby B. Green III, Executive Director • David W. Fisk, Assistant Executive Director
David Dewey, Altamonte Springs Service Center Director

975 Keller Road • Altamonte Springs, FL 32714-1618 • (407) 659-4800
On the Internet at floridaswater.com.

February 22, 2011

Mr. James A. Stivender, P.E., PLS
Public Works Director
Lake County Department of Public Works
437 Ardice Avenue
Eustis, FL 32726

Re: North Hancock Road Widening (Segment A); Application Number 40-069-50126-4
(Please reference the above name and number on all correspondence)
Formerly Application Number 42-069-50126-4

Dear Mr. Stivender:

The St. Johns River Water Management District is in receipt of your Stormwater Environmental Resource Permit (ERP) application. Please be advised that this application has been given the status of a Standard ERP application pursuant to Section 3.3, Applicant's Handbook (A.H.). This transfer is administrative and requires no application resubmittal by the applicant.

A Standard ERP application is now required for your project because it provides for the placement of twelve or more acres of impervious surface which constitutes 40 or more percent of the total land area, pursuant to Rule 40C-4.041(2)(b)4., Florida Administrative Code (F.A.C.) and is a modification of a previously issued Standard ERP for North Hancock Road (40-069-50126-3). A Standard ERP can be issued by staff and as described by Section 6.0, A.H. MSSW.

In order to expedite the review of your application, please use the application number referenced above on all correspondence, and submit **three (3) copies** of all requested information unless otherwise indicated by a specific information request.

1. The required Standard Environmental Resource Permit application fee is \$1190.00 for systems that have a project area between one and 40 acres. To date \$490.00 has been received by the District. Accordingly, please submit the \$700.00 balance due to the St. Johns River Water Management District. [40C-1.603(5)(f) 1., F.A.C.]
2. Please provide revised pre and post-development drainage basin maps, drawn at a larger scale, that clearly depict the limits of the drainage basin boundaries (in acres or square feet) with sufficient topographic elevations, so that on and off-site drainage patterns may be verified. [40C-4.301(1)(a)(b)(c)(e)(i); 40C-42.026(1), F.A.C.]
3. Page 5 of the *Stormwater Management Report* submitted states, in part, "*Geotechnical information was obtained in the areas of both Ponds 1, 2, and the Big Sky pond modification. Below is a table identifying various pond control parameters based upon*

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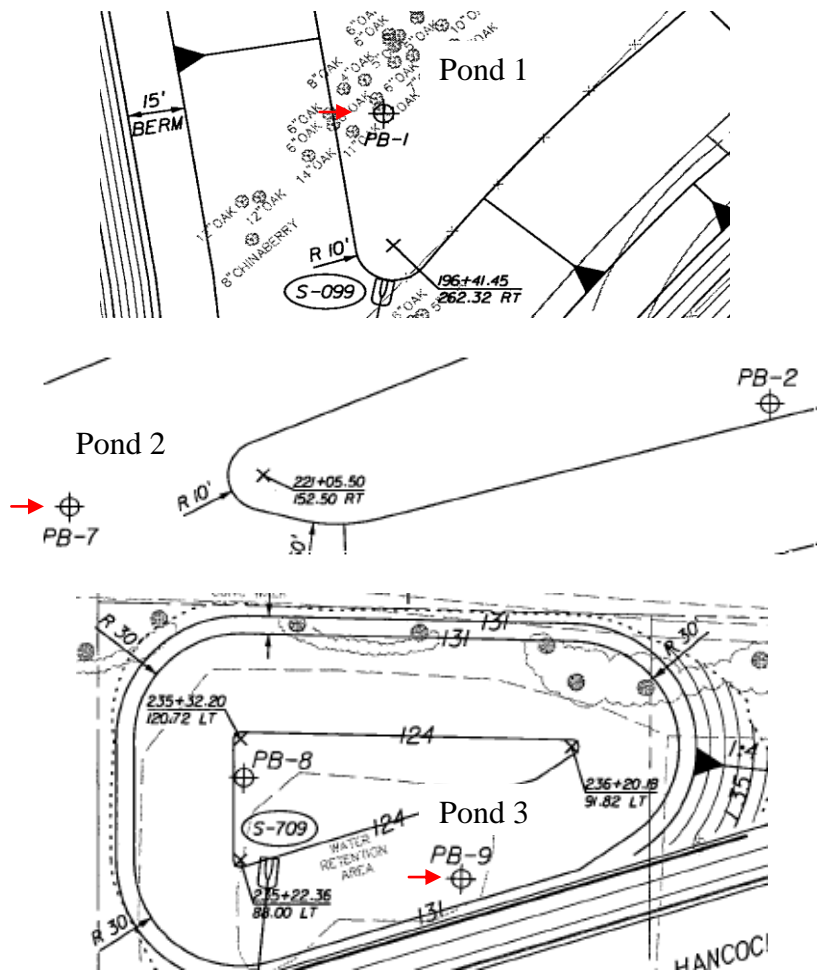
Richard G. Hamann
GAINESVILLE

Arlen N. Jumper
FORT McCOY

information provided by Andreyev Engineering, Inc. and is also included in **Appendix G.**”

- Please note that the above referenced geotechnical report by *Andreyev Engineering, Inc.*, appears to have been omitted from *Appendix G* of the stormwater management report submitted.
- Further note that, the table of design pond control parameters did not appear to take into account all of the soils borings taken within the footprint of each pond. Reference the following excerpts from Page 5 of the *Stormwater Management Report* and *Sheet Nos. 72, 73, and 74* of the set of construction plans submitted.

Pond Number	Boring Number	GSE	Depth to Aquifer (ft)	Depth to SHWT(ft)	Horizontal Hydraulic Conduct. (ft/day)	Unsat. Hydraulic Conduct. (ft/day)	Storage Coefficient
Pond 1	PB-4/PB-5	121.0	40.0	29.0	40	26	0.25
Pond 2	PB-6	92.0	35.0	11.0	32	21	0.25
Big Sky	PB-8	131.0	40.0	39	40	26	0.25

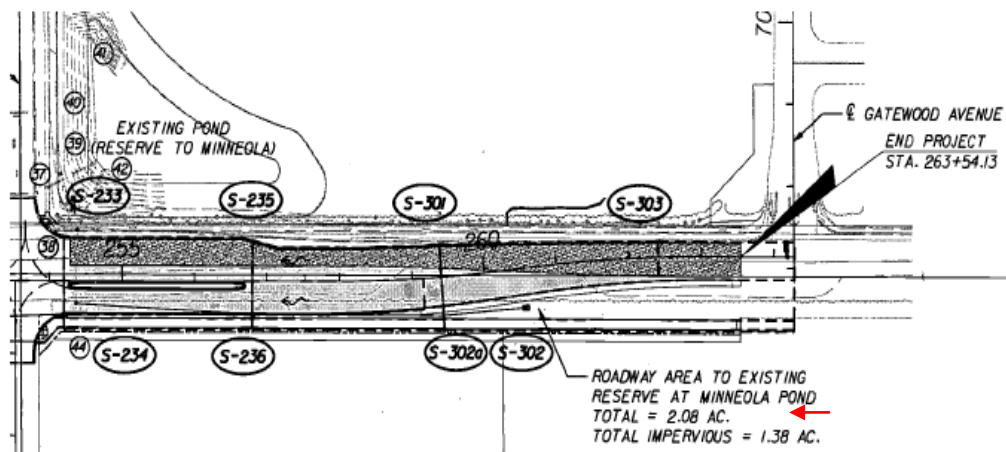


Please clarify and provide the required geotechnical report by *Andreyev Engineering, Inc.* Include with the requested report all soil boring profiles and pertinent data so that staff can validate the parameters utilized in the drainage calculations. [40C-4.301(1)(a)(b)(c)(e)(i), F.A.C.]

4. Please address and/or provide the following with respect to The Reserve at Minneola existing pond:

- a. The information provided on page 3 of the *Stormwater Management Report* submitted states, in part “*Basin #4 From North of Fosgate Avenue to Project End (Stations 256+80 to End of Project): The runoff from the roadway is to be collected and directed into the existing pond (NODE 30) within The Reserve at Minneola subdivision. The SJRWMD permit number for this subdivision is 4-069-92447-1. The total area allowed in the pond from Hancock Road is 2.341 acres of which 1.288 acres can be impervious area. Based upon the proposed improvements of Hancock Road, only the runoff from station 256+90 to the end of the project can be accommodated for in this pond. The total area discharging to the pond is 1.85 acres of which 1.26 acres is impervious.*”

Please note that the above information appears to be inconsistent with the post development drainage basin map delineated on *Sheet No. 4* of the set of construction plans submitted, which indicates that the total area discharging to the pond is 2.08 acres, of which 1.38 acres is impervious. Reference the following excerpt of the drainage basin map.



Accordingly, please clarify and revise where appropriate, for accuracy with the proposed condition.

- b. The submittal indicates that the City of Minneola is the current owner of The Reserve at Minneola pond. As such, please provide a draft copy of the joint use agreement between the City of Minneola and Lake County for the County’s use of the pond for meeting the District’s water quality treatment and attenuation requirements. Clearly identify, in the agreement, which components of the treatment system each entity will maintain.

[40C-4.301(1)(a)(b)(c)(d)(e)(i)(j); 40C-42.027(1)(2); 40C-42.025(6); 40C-42.026(1), F.A.C.]

5. Please provide sufficient legal authorization from the SkyRidge Valley Residential Subdivision property owners allowing the proposed modifications to and utilization of

their existing pond for treatment and attenuation of runoff from the realigned portion of Old Highway 50 from Turley Farms Road to the New Highway 50/Black west intersection. [40C-4.301(1)(a)(b)(c)(d)(e)(i)(j); 40C-42.024(2)(a); 40C-42.025(6); 40C-42.026(1), F.A.C.]

Page 4 of the *Stormwater Management Report* states with respect to meeting the required stormwater criteria that *“This project is regulated by the rules and criteria set forth by Lake County and the St. Johns River Water Management District (SJRWMD). This project falls within the Lake Apopka Hydrologic Basin. However, as stated in Chapter 11 .7(a)(1)iii of the MSSW Handbook, the sub-basins within the project corridor do not discharge water to Lake Apopka or its tributaries for the 100 year 24 hour storm event (landlocked) and therefore, Lake Apopka Basin criteria does not have to be met.*

Please be advised that pursuant to Chapter 40C-41.063 (8), F.A.C. *“Any surface water management system that requires a permit pursuant to Chapters 40C-4, 40C-40, 40C-42, or 40C-44, F.A.C., and that will be located within the Lake Apopka Hydrologic Basin or will discharge water to Lake Apopka or its tributaries, must comply with the requirements of section 11.7, Applicants Handbook: Management and Storage of Surface Waters, adopted by reference in subsection 40C-4.091(1), F.A.C.]”*

Even though the proposed project is located within the Lake Apopka Hydrologic Basin and does not discharge water to Lake Apopka or its tributaries, it still has to comply with the requirements of Section 11.7(a)(1)iii, A.H., which states *“Systems that do not discharge to Lake Apopka during the 100-year 24-hour storm event are considered to discharge to a land-locked lake that must meet the criteria in sections 10.4.1 and 10.4.2 of the Applicant’s Handbook.”*

Since you have chosen to utilize the Section 11.7(a)(1)iii option as a means for meeting the Lake Apopka Hydrologic Basin criteria, please be advised that water level monitoring on the part of the applicant (Lake County) will be required for a period of ten (10) years following completion of construction of the entire system.

Additionally be advised that suggestions or other directions provided by District staff are offered to assist applicants in complying with District rules. However, applicants bear the burden of demonstrating that their application meets the applicable rule requirements. Although District staff may provide suggestions to applicants that would allow staff to recommend approval of an application to the District Governing Board or senior staff, the final decision regarding the issuance or denial of a permit is up to the District Governing Board. Applicants are hereby advised that the Governing Board and senior staff are not bound by previous statements or recommendations of District staff regarding an application.

If the applicant wishes to dispute the necessity for any information requested on an application form or in a letter requesting additional information, he or she may, pursuant to section 373.4141, Florida Statutes, request that District staff process the application without the requested information. If the applicant is then unsatisfied with the District’s decision regarding issuance or denial of the application, the applicant may request a section 120.569, Florida Statutes, hearing pursuant to Chapter 28-106 and section 40C-1.1007, F.A.C.

Please be advised, pursuant to subsection 40C-1.1008, F.A.C., the applicant shall have 120 days from receipt of a request for additional information regarding a permit or license

application undergoing review by the District to submit that information to the District. If an applicant requires more than 120 days in which to complete an application, the applicant may notify the District in writing of the circumstances and for good cause shown, the application shall be held in active status for additional periods commensurate with the good cause shown. Any application which has not been completed by the applicant within the given time period following a request for additional information by the District shall be recommended for denial at the next regularly scheduled Board meeting. Denial of an application due to failure to submit requested additional information shall be a denial without prejudice to the applicant's right to file a new application.

In addition, no construction shall begin on the proposed project until a permit is issued by the St. Johns River Water Management District. This is pursuant to subsection 40C-40.042(2), F.A.C., which states, "No construction, operation, maintenance, alteration, abandonment or removal shall be commenced until the permittee receives a written authorization to proceed from the District"; and subsection 40C-42.024(1), F.A.C, which states in relevant part, "No construction, alteration, removal, operation, maintenance, or abandonment of a stormwater management system shall be undertaken without a valid standard general or individual environmental resource stormwater permit as required pursuant to this section."

If you have any further questions, please do not hesitate to call me at (407) 659-4844.

Sincerely,



Ruth E. Grady, E.I.

Department of Environmental Resource Permitting

cc: RIM/RAIL-1, David Dewey ^{DF}, Margie Cook, Victoria Nations, Steve Williams, Kealey West

TLP Engineering Consultants, Inc., Attn: James E. Myers, P.E.
3208 W. SR 426, Suite 1020, Oviedo, FL 32765

Lake County Board of County Commissioners, 315 West Main Street, Tavares, FL
32778